the management data can not read out from the disc 10 and thereby the image data can not be reproduced. In this regard, the image data recorded on the disc 10 is recovered so that it can be reproduced based on the management data corresponding to the disc 10.

04532014
MEMORY MANAGEMENT DEVICE

PUB. NO.:   06-175914   **JP 6175914**   A]
PUBLISHED: June 24, 1994 (19940624)
INVENTOR(s):   ARAN JIEI SUWAIYAA
APPLICANT(s):   EASTMAN KODAK CO [000707] (A Non-Japanese Company or
                Corporation), US (United States of America)
APPL. NO.:   05-224442 [JP 93224442]
FILED: September 09, 1993 (19930909)
PRIORITY: 7-948,181 [US 948181-1992], US (United States of America),
                September 21, 1992 (199DIALOG(R)File 347:JAPIO

04518256
MEDICAL IMAGE FILING DEVICE

PUB. NO.:   06-162156   **JP 6162156**   A]
PUBLISHED: June 10, 1994 (19940610)
INVENTOR(s):   ONUKI KAZUNOBU
APPLICANT(s):   ONUKI KAZUNOBU [000000] (An Individual), JP (Japan)
APPL. NO.:   03-223568 [JP 91223568]
FILED: August 09, 1991 (19910809)

ABSTRACT
PURPOSE: To easily record and file necessary images with simple
constitution and to facilitate retrieval after the recording by providing
plural frame memories and monitor CRTs.

CONSTITUTION: The image signal from an image pickup device 1 is converted
by an A/D converter 2 into a digital signal, which is inputted to an image
control part 3. A CPU 6 controls how many memories among the frame memories
3a-3n the image control part 3 uses, and the number of memories in use is
selected in time units. For example, when the motion of the heart of a
patient in one second is monitored on a display 4 at the time, the image
pickup device 1 which is an X-ray device having a 5 images/see frame rate
can project successive images on five monitor CRTs on the display 4 at
intervals of one second by placing the five frame memories in operation.
Further, all data which are recorded on an MO disk are automatically set
and the data can be recorded on a film at any time by using various
cameras.

04487500
PICTURE DATA BASE PREPARING METHOD

PUB. NO.:   06-131400   **JP 6131400**   A]
PUBLISHED: May 13, 1994 (19940513)
INVENTOR(s):   HANEDA NORIHISA
APPLICANT(s):   FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or
                Corporation), JP (Japan)
APPL. NO.:   04-281501 [JP 92281501]
FILED: October 20, 1992 (19921020)

ABSTRACT
PURPOSE: To provide a picture data base preparing method by which the
retrieval of picture data can be easily attained by using a data card for